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UNIT SPECIFIC TECHNICAL MEMORANDUM: MERL DRY WELL PRATT & WHITNEY, EAST HARTFORD, CT

AREA: North Klondike

RCRA RECORDS CENTER
FACILITY Pratt & Whitney
I.D. NO. JL 99067208
FILE LOC. K-9
OTHER RDR 4-1104

SUB-AREA: MERL

ENVIRONMENTAL UNIT: MERL Dry Well

Location: This area is located in the North Klondike. It is located on the first road south off of the north access road to the southwest of the Storage Shed, see Drawing 1.

Description: A dry well appeared to be present inside of a fenced area. Upon inspection by Loureiro Engineering Associates, Inc. (LEA) in 1997, the possible dry well appeared to be an electrical junction box on a one foot by one foot by one foot high structure. This was connected to an underground conduit which reappeared at the corner of the fence. Nearby was a metal grate which was determined to be laying on the ground surface. The use of this area was not determined.

Dates of Operation: Unknown.

Processes: Unknown.

Aerial Photographs: Large-scale aerial photographs for 1965, 1970, and 1975 were obtained from Keystone Aerial Surveys Inc. Four smaller aerial photos for 1983, 1987, and two unknown dates were also obtained from the Pratt & Whitney (P&W) Photographic Services Department. The fenced in area is not shown in any of the photographs that portray the MERL Area.

Specific Contaminants of Concern: Flammable and combustible materials including jet fuels, gasoline, and waste oil. In order to be as comprehensive as possible in the investigation that was conducted, the following constituent groups was analyzed for: volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, nickel, and zinc), and total petroleum hydrocarbons (TPH).

Potential Release Mechanism: Impacts to soils and groundwater associated with infiltration of liquids placed into the potential dry well.

INVESTIGATION AND REMEDIATION ACTIVITIES:

Due to the potential for a release associated with the dry well, a subsurface investigation to determine the degree and extent of soil contamination in the reported vicinity of the dry well was performed in March 1997. Prior to 1997, no subsurface soil investigation of this unit had reportedly been performed.

One monitoring well, NK-MW-13, was installed in the general down gradient direction of the MERL Dry well Area. NK-MW-13 was installed by Metcalf and Eddy, Inc. (M&E) in May

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1993. This monitoring well was installed as part of a site-wide investigation of groundwater contamination. The monitoring well location is shown on Drawing 2.

Supplemental groundwater investigations have also been conducted in the vicinity of this unit since the installation of monitoring well NK-MW-13. In order to be as comprehensive as possible, presentation of this incidental data is discussed as part of this Unit-Specific Technical Memorandum (USTM).

VOCs detected in groundwater samples from this monitoring well have included methyl-tert-butyl ether (MTBE), toluene (TL), 1,1,1-trichloroethane (TCA), and xylenes (XYL). However, no elevated concentrations of VOCs have been detected in this monitoring well.

Additionally, three metals have been detected in groundwater samples collected from monitoring well NK-MW-13. These metals include barium, cadmium, and zinc. No elevated concentrations of metals have been noted. SVOCs and TPH were not detected in the groundwater samples collected from monitoring well NK-MW-13. A summary of the groundwater samples collected and analyses performed is included in Table 1. Concentrations of constituents detected in groundwater samples collected from this monitoring well are presented in Table 4. A complete summary of groundwater sample analytical results with detection limits is presented in Table 5. Detected concentrations at each groundwater sampling location are shown on Drawing 2.

For a more detailed account of the groundwater sampling conducted in this area refer to *Technical Memorandum (TM) 3, Groundwater Sampling and Quality*.

March 1997 Investigation (LEA):

Description: On March 5, 1997, four Geoprobe® soil borings, NK-SB-268 through NK-SB-271, were advanced to a depth of 12 feet in the vicinity of the presumed dry well. The sampling locations are shown on Drawing 1. Soil samples were collected from each of the borings in continuous 2-foot intervals to 12 feet. The depth of 12 feet was selected to ensure that the varved clay was encountered and that sufficient data was collected for comparisons against the direct exposure criteria in the Connecticut Remediation Standard Regulation (RSR).

A total of 25 soil samples were submitted to the LEA Analytical Laboratory and screened for the presence of target VOCs (benzene (BZ), ethylbenzene (EBZ), tetrachloroethylene (PCE), TL, TCA, trichloroethylene (TCE), and XYL). Based on visual, olfactory, or instrument evidence, and with consideration of the potential release mechanism, two samples from each boring were submitted to Averill Environmental Laboratory, Inc. (AEL) and analyzed for the presence of VOCs, metals, and TPH. In addition, one sample from each boring was submitted to AEL and analyzed for the presence of SVOCs.

Groundwater samples were collected from each boring using Geoprobe® screen-point groundwater sampling techniques. Each of the groundwater samples was collected from a depth of 5 to 7 feet below the ground surface. The groundwater samples were submitted to AEL for analysis for VOCs, SVOCs, metals, and TPH. A summary of the samples collected and analyses performed during this investigation is included in Table 1.

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Investigation Results: Based on the boring logs, groundwater was encountered between approximately 4 and 5.5 feet in the borings. Varved clay was encountered between approximately 10 and 11.5 feet. No visual or olfactory evidence of contamination was noted on the boring logs. Concrete and rock fragments were noted in boring NK-SB-270 at 0 to 0.5 feet.

Concentrations of constituents detected in soil samples collected for this unit are presented in Table 2. A complete summary of soil analytical results with detection limits is presented in Table 3. Detected concentrations at each soil sampling location are shown on Drawing 1. No VOCs were detected in the soil samples submitted to the LEA Analytical Laboratory or AEL. No SVOCs or TPH were detected in any of the soil samples submitted for fixed laboratory analysis. One or more of the metals analyzed were detected in each of the soil samples submitted for analysis. These metals included barium, chromium, and zinc.

Concentrations of constituents detected in groundwater samples are presented in Table 4. A complete summary of groundwater analytical results with detection limits is presented in Table 5. The concentrations of the constituents detected at each groundwater sampling location are shown on Drawing 2. No VOCs, SVOCs, or TPH were detected in any of the groundwater samples submitted for fixed laboratory analysis. Barium, cadmium, and zinc were the only metals detected in the groundwater samples that were analyzed.

Data Evaluation and Conclusions: The data were compared to the default numeric criteria included in the RSR and the site-wide background soil concentrations for various metals (Fuss & O'Neill, 1994). For a more detailed discussion of background concentrations of metals in soil refer to *TM 4, Background Soil Sampling and Analysis*. Criteria are established in the RSR based on exposure pathways for various environmental media, including soil and groundwater. The evaluation of the soil data is based on a comparison to the default numeric residential direct exposure criteria (RDEC), the industrial/commercial direct exposure criteria (IDEC), and the GB pollutant mobility criteria (GBPMC) included in the RSR. The evaluation of groundwater data is based on a comparison to the residential volatilization criteria (RVC), the industrial/commercial volatilization criteria (IVC), and the surface water protection criteria (SWPC) included in the RSR.

The concentrations of the metals detected in the soil samples are typical of background concentrations and are not indicative of a release from this unit. In addition, for the metals detected in soil, no exceedances of the residential or industrial/commercial direct exposure criteria were noted. For the metals detected in groundwater, no exceedances of the surface water protection criteria were noted.

Since there is no evidence that a release occurred and the area has been adequately characterized no further action is warranted for this unit based on the results of the laboratory analyses of soil and groundwater samples.

REFERENCES:

Fuss & O'Neill, Inc, 1994, *Soil Sampling Background Areas – North Klondike*, prepared for Pratt & Whitney.

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Keystone Aerial Surveys, Inc. 1965, *Aerial Photo of Rentschler Airport and Surrounding Areas*, East Hartford, CT.

Keystone Aerial Surveys, Inc. 1970, *Aerial Photo of Rentschler Airport and Surrounding Areas*, East Hartford, CT.

Keystone Aerial Surveys, Inc. 1975, *Aerial Photo of Rentschler Airport and Surrounding Areas*, East Hartford, CT.

Klein, Richard, October 1976, *Test Stand Descriptions for Klondike (Test Area), East Side of Rentschler Airport*, Employee File transcription in undated notes prepared by Westinghouse Environmental for CAS Report.

Loureiro Engineering Associates, August 18, 1995, *Rentschler Airport and Klondike Areas Data Gap Investigation and Work Plan*, Pratt & Whitney, 400 Main Street, East Hartford, CT.

Loureiro Engineering Associates, October 1995, *Rentschler Airport and Klondike Areas Data Gap Investigation and Work Plan*, United Technologies Corporation, Pratt & Whitney, 400 Main Street, East Hartford, CT.

P&W Photographic Services Department, Unknown Date, *Aerial Photograph, Negative Number Z-36268*, Pratt & Whitney, East Hartford, CT.

P&W Photographic Services Department, Unknown Date, *Aerial Photograph, Negative Number CN-50747*, Pratt & Whitney, East Hartford, CT.

P&W Photographic Services Department, 1983, *Aerial Photograph, Negative Number 83C3381-050*, Pratt & Whitney, East Hartford, CT.

P&W Photographic Services Department, 1987, *Aerial Photograph, Negative Number 87C3277-009*, Pratt & Whitney, East Hartford, CT.

Westinghouse Environmental and Geotechnical Services, Inc. November 1990, *Current Assessment Summary Report*, Pratt & Whitney, East Hartford, Connecticut.

TABLES

DRAWINGS

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: M.E.R.L. Dry Well

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Sample Information						Analysis Information								
Location ID	Sample ID	Sample Date	From (ft)	To (ft)	Class	Portable GC	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Extraction	Miscellaneous
NK-MW-13	01101052593	5/25/93	5.0	15.0	GW		X	X				X		
NK-MW-13	1016639	8/ 5/96	5.0	15.0	GW		x					X		x
NK-MW-13	1634463	6/ 3/97	5.0	15.0	GW		x					X		
NK-MW-13	1647391	11/20/97	5	15	GW		x					X		
NK-SB-268	1027238	3/ 5/97	0	2	SB	x								
NK-SB-268	1027239	3/ 5/97	2	4	SB	x	x					X		x
NK-SB-268	1027240	3/ 5/97	4	6	SB	x								
NK-SB-268	1027281	3/ 5/97	5	6	GW		x	x				X		x
NK-SB-268	1027241	3/ 5/97	6	8	SB	x	x	x				X		x
NK-SB-268	1027242	3/ 5/97	8	10	SB	x								
NK-SB-268	1027243	3/ 5/97	10	12	SB	x								
NK-SB-269	1027244	3/ 5/97	0	2	SB	x								
NK-SB-269	1027245	3/ 5/97	2	4	SB	x	x					X		x
NK-SB-269	1027246	3/ 5/97	4	6	SB	x								
NK-SB-269	1027282	3/ 5/97	5	6	GW		x	x				X		x
NK-SB-269	1027247	3/ 5/97	6	8	SB	x	x	x				X		x
NK-SB-269	1027248	3/ 5/97	8	10	SB	x								
NK-SB-269	1027249	3/ 5/97	10	12	SB	x								
NK-SB-270	1027250	3/ 5/97	0	2	SB	x								
NK-SB-270	1027251	3/ 5/97	2	4	SB	x								
NK-SB-270	1027252	3/ 5/97	2	4	SB	x	x	x				X		x
NK-SB-270	1027253	3/ 5/97	4	6	SB	x	x					X		x
NK-SB-270	1027283	3/ 5/97	5.0	6.0	GW		x	x				X		x
NK-SB-270	1027254	3/ 5/97	6	8	SB	x								
NK-SB-270	1027255	3/ 5/97	8	10	SB	x								
NK-SB-270	1027256	3/ 5/97	10	12	SB	x								
NK-SB-271	1027257	3/ 5/97	0	2	SB	x								
NK-SB-271	1027258	3/ 5/97	2	4	SB	x								
NK-SB-271	1027259	3/ 5/97	4	6	SB	x	x	x				X		x
NK-SB-271	1027284	3/ 5/97	5	6	GW		x	x				X		x
NK-SB-271	1027260	3/ 5/97	6	8	SB	x								

Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit

2. Printed on 07/12/99

Table 1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
P&W East Hartford: M.E.R.L. Dry Well

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Notes: 1. Legend: X - Analysed; at least one analyte over the detection limit; x - Analysed, no analytes in group over the detection limit
2. Printed on 07/12/99

Table 2 **DRAFT**
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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Notes: 1. Only Detects Shown
2. Printed on 07/13/99

Table 2 DRA
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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Notes: 1. Only Detects Shown
2. Printed on 07/13/99



Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268
Sample ID	1027238	1027239	1027239	1027240	1027241	1027241	1027242	1027242
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
Sample Time	10:17	10:20	10:20	10:27	10:30	10:30	10:40	
Sample Depth	0' - 2'	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'	8' - 10'	
Laboratory	LEA	AEL	LEA	LEA	AEL	LEA	LEA	
Lab. Number	97-1817-317	AEL97003091	97-1818-318	97-1819-319	AEL97003092	97-1820-320	97-1821-321	
Constituent	Units							
Date Metals Analyzed	-		03/18/1997			03/18/1997		
Date Organics Analyzed	-	03/07/1997	03/19/1997	03/07/1997	03/07/1997	03/19/1997	03/07/1997	03/07/1997
Date Physical Analyzed	-		03/26/1997			03/26/1997		
Date Semi-volatile Organics Analyzed	-					04/04/1997		
Arsenic	mg/kg		<0.42			<0.46		
Barium	mg/kg		12.6			17.3		
Cadmium	mg/kg		<3.12			<3.44		
Chromium	mg/kg		<5.2			7.8		
Lead	mg/kg		<20.8			<22.9		
Mercury	mg/kg		<0.08			<0.09		
Nickel	mg/kg		<10.4			<11.5		
Selenium	mg/kg		<1.04			<1.15		
Silver	mg/kg		<5.2			<5.74		
Zinc	mg/kg		9.26			17.1		
Hexachlorobenzene	µg/kg					<390		
Hexachlorocyclopentadiene	µg/kg					<390		
Total Petroleum Hydrocarbons	mg/kg		<35.4			<39.5		
Acenaphthene	µg/kg					<390		
Acenaphthylene	µg/kg					<390		
Anthracene	µg/kg					<390		
Benzidine	µg/kg					<390		
Benzo[a]anthracene	µg/kg					<390		
Benzo[a]pyrene	µg/kg					<390		
Benzo[b]fluoranthene	µg/kg					<390		
Benzo[ghi]perylene	µg/kg					<390		
Benzo[k]fluoranthene	µg/kg					<390		
Bis(2-chloroethoxy)methane	µg/kg					<390		
Bis(2-chloroethyl)ether	µg/kg					<390		

Notes: 1. Printed on 07/13/99

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	Location ID	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268
Sample ID	1027238	1027239	1027239	1027240	1027241	1027241	1027242	
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
Sample Time	10:17	10:20	10:20	10:27	10:30	10:30	10:40	
Sample Depth	0' - 2'	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'	8' - 10'	
Laboratory	LEA	AEL	LEA	LEA	AEL	LEA	LEA	
Lab. Number	97-1817-317	AEL97003091	97-1818-318	97-1819-319	AEL97003092	97-1820-320	97-1821-321	
Constituent	Units							
Bis(2-chloroisopropyl)ether	µg/kg				<390			
Bis(2-ethylhexyl)phthalate	µg/kg				<390			
Bromophenyl Phenyl Ether,4-	µg/kg				<390			
Butyl Benzyl Phthalate	µg/kg				<390			
Chloro-m-cresol,p-	µg/kg				<390			
Chloronaphthalene,2-	µg/kg				<390			
Chlorophenol,2-	µg/kg				<390			
Chlorophenyl Phenyl Ether,4-	µg/kg				<390			
Chrysene	µg/kg				<390			
Di-n-butyl Phthalate	µg/kg				<390			
Di-n-octyl Phthalate	µg/kg				<390			
Dibenzo[a,h]anthracene	µg/kg				<390			
Dichlorobenzidine,3,3'	µg/kg				<390			
Dichlorophenol,2,4-	µg/kg				<390			
Diethyl Phthalate	µg/kg				<390			
Dimethyl Phthalate	µg/kg				<390			
Dimethylphenol,2,4-	µg/kg				<390			
Dinitro-o-cresol,4,6-	µg/kg				<390			
Dinitrophenol,2,4-	µg/kg				<390			
Dinitrotoluene,2,4-	µg/kg				<390			
Dinitrotoluene,2,6-	µg/kg				<390			
Diphenylhydrazine,1,2-	µg/kg				<390			
Fluoranthene	µg/kg				<390			
Fluorene	µg/kg				<390			
Hexachlorobutadiene	µg/kg				<390			
Hexachloroethane	µg/kg				<390			
Indeno(1,2,3-cd)pyrene	µg/kg				<390			
Isophorone	µg/kg				<390			

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	Location ID	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268	NK-SB-268
Sample ID	1027238	1027239	1027239	1027240	1027241	1027241	1027242	1027242
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
Sample Time	10:17	10:20	10:20	10:27	10:30	10:30	10:40	
Sample Depth	0' - 2'	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'	8' - 10'	
Laboratory	LEA	AEL	LEA	LEA	AEL	LEA	LEA	
Lab. Number	97-1817-317	AEL97003091	97-1818-318	97-1819-319	AEL97003092	97-1820-320	97-1821-321	
Constituent	Units							
Naphthalene	µg/kg				<390			
Nitrobenzene	µg/kg				<390			
Nitrophenol,2-	µg/kg				<390			
Nitrophenol,4-	µg/kg				<390			
Nitroso-n-propylamine,n-	µg/kg				<390			
Nitrosodimethylamine,n-	µg/kg				<390			
Nitrosodiphenylamine,n-	µg/kg				<390			
Pentachlorophenol	µg/kg				<390			
Phenanthere	µg/kg				<390			
Phenol	µg/kg				<390			
Pyrene	µg/kg				<390			
Trichlorophenol,2,4,6-	µg/kg				<390			
Acetone	µg/kg		<45		<28			
Acrolein	µg/kg		<22		<14			
Acrylonitrile	µg/kg		<22		<14			
Benzene	µg/kg		<8.9		<5.6			
Benzene (screening)	µg/kg	<8		<8	<8 nc		<8	<8
Bromobenzene	µg/kg		<8.9		<5.6			
Bromoform	µg/kg		<8.9		<5.6			
Carbon Disulfide	µg/kg		<8.9		<5.6			
Carbon Tetrachloride	µg/kg		<8.9		<5.6			
Chlorobenzene	µg/kg		<8.9		<5.6			
Chlorodibromomethane	µg/kg		<8.9		<5.6			
Chloroethane	µg/kg		<8.9		<5.6			
Chloroethyl Vinyl Ether,2-	µg/kg		<8.9		<5.6			
Chloroform	µg/kg		<8.9		<5.6			
Chlorotoluene,o-	µg/kg		<8.9		<5.6			
Chlorotoluene,p-	µg/kg		<8.9		<5.6			

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	Location ID	NK-SB-268						
	Sample ID	1027238	1027239	1027239	1027240	1027241	1027241	1027242
	Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
	Sample Time	10:17	10:20	10:20	10:27	10:30	10:30	10:40
	Sample Depth	0' - 2'	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'	8' - 10'
	Laboratory	LEA	AEL	LEA	LEA	AEL	LEA	LEA
	Lab. Number	97-1817-317	AEL97003091	97-1818-318	97-1819-319	AEL97003092	97-1820-320	97-1821-321
Constituent	Units							
Dibromomethane	µg/kg		<8.9			<5.6		
Dichlorobenzene,1,2-	µg/kg		<8.9			<5.6		
Dichlorobenzene,1,3-	µg/kg		<8.9			<5.6		
Dichlorobenzene,1,4-	µg/kg		<8.9			<5.6		
Dichlorobromomethane	µg/kg		<8.9			<5.6		
Dichlorodifluoromethane	µg/kg		<8.9			<5.6		
Dichloroethane,1,1-	µg/kg		<8.9			<5.6		
Dichloroethane,1,2-	µg/kg		<8.9			<5.6		
Dichloroethylene,1,1-	µg/kg		<8.9			<5.6		
Dichloroethylene,1,2-cis-	µg/kg		<8.9			<5.6		
Dichloroethylene,1,2-trans-	µg/kg		<8.9			<5.6		
Dichloropropane,1,2-	µg/kg		<8.9			<5.6		
Dichloropropylene,1,3-cis-	µg/kg		<8.9			<5.6		
Dichloropropylene,1,3-trans-	µg/kg		<8.9			<5.6		
Ethylbenzene	µg/kg		<8.9			<5.6		
Ethylbenzene (screening)	µg/kg	<16		<17	<17 nc		<17	<17
Hexanone,2-	µg/kg		<22			<14		
Methyl Bromide	µg/kg		<8.9			<5.6		
Methyl Chloride	µg/kg		<8.9			<5.6		
Methyl Ethyl Ketone	µg/kg		<22			<14		
Methyl-2-pentanone,4-	µg/kg		<22			<14		
Methyl-tert-butyl Ether	µg/kg		<8.9			<5.6		
Methylene Chloride	µg/kg		<8.9			<17		
Styrene	µg/kg		<8.9			<5.6		
Tetrachloroethane,1,1,1,2-	µg/kg		<8.9			<5.6		
Tetrachloroethane,1,1,2,2-	µg/kg		<8.9			<5.6		
Tetrachloroethylene	µg/kg		<8.9			<5.6		
Tetrachloroethylene (screening)	µg/kg	<21		<21	<22 nc		<21	<22

Notes: 1. Printed on 07/13/99

Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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Notes: 1. Printed on 07/13/99



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SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-268	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269
Sample ID	1027243	1027244	1027245	1027245	1027246	1027247	1027247	1027247
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
Sample Time	10:42	11:35	11:40	11:40	11:47	11:50	11:50	11:50
Sample Depth	10' - 12'	0' - 2'	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'	6' - 8'
Laboratory	LEA	LEA	AEL	LEA	LEA	AEL	AEL	LEA
Lab. Number	97-1822-322	97-1823-323	AEL97003093	97-1824-324	97-1825-325	AEL97003094	97-1826-326	
Constituent	Units							
Date Metals Analyzed	-			03/18/1997			03/18/1997	
Date Organics Analyzed	-	03/07/1997	03/07/1997	03/19/1997	03/07/1997	03/07/1997	03/19/1997	03/07/1997
Date Physical Analyzed	-			03/26/1997			03/26/1997	
Date Semi-volatile Organics Analyzed	-						04/04/1997	
Arsenic	mg/kg			<0.41			<0.5	
Barium	mg/kg			15.5			14	
Cadmium	mg/kg			<3.1			<3.51	
Chromium	mg/kg			5.37			6.55	
Lead	mg/kg			<20.6			<23.4	
Mercury	mg/kg			<0.08			<0.09	
Nickel	mg/kg			<10.3			<11.7	
Selenium	mg/kg			<1.03			<1.17	
Silver	mg/kg			<5.16			<5.85	
Zinc	mg/kg			16.8			20.7	
Hexachlorobenzene	µg/kg						<390	
Hexachlorocyclopentadiene	µg/kg						<390	
Total Petroleum Hydrocarbons	mg/kg			<34.7			<38.8	
Acenaphthene	µg/kg						<390	
Acenaphthylene	µg/kg						<390	
Anthracene	µg/kg						<390	
Benzidine	µg/kg						<390	
Benzo[a]anthracene	µg/kg						<390	
Benzo[a]pyrene	µg/kg						<390	
Benzo[b]fluoranthene	µg/kg						<390	
Benzo[ghi]perylene	µg/kg						<390	
Benzo[k]fluoranthene	µg/kg						<390	
Bis(2-chloroethoxy)methane	µg/kg						<390	
Bis(2-chloroethyl)ether	µg/kg						<390	

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-268	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269
	Sample ID	1027243	1027244	1027245	1027245	1027246	1027247	1027247
	Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
	Sample Time	10:42	11:35	11:40	11:40	11:47	11:50	11:50
	Sample Depth	10' - 12'	0' - 2'	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'
	Laboratory	LEA	LEA	AEL	LEA	LEA	AEL	LEA
	Lab. Number	97-1822-322	97-1823-323	AEL97003093	97-1824-324	97-1825-325	AEL97003094	97-1826-326
Constituent	Units							
Bis(2-chloroisopropyl)ether	µg/kg						<390	
Bis(2-ethylhexyl)phthalate	µg/kg						<390	
Bromophenyl Phenyl Ether,4-	µg/kg						<390	
Butyl Benzyl Phthalate	µg/kg						<390	
Chloro-m-cresol,p-	µg/kg						<390	
Chloronaphthalene,2-	µg/kg						<390	
Chlorophenol,2-	µg/kg						<390	
Chlorophenyl Phenyl Ether,4-	µg/kg						<390	
Chrysene	µg/kg						<390	
Di-n-butyl Phthalate	µg/kg						<390	
Di-n-octyl Phthalate	µg/kg						<390	
Dibenzo[a,h]anthracene	µg/kg						<390	
Dichlorobenzidine,3,3'-	µg/kg						<390	
Dichlorophenol,2,4-	µg/kg						<390	
Diethyl Phthalate	µg/kg						<390	
Dimethyl Phthalate	µg/kg						<390	
Dimethylphenol,2,4-	µg/kg						<390	
Dinitro-o-cresol,4,6-	µg/kg						<390	
Dinitrophenol,2,4-	µg/kg						<390	
Dinitrotoluene,2,4-	µg/kg						<390	
Dinitrotoluene,2,6-	µg/kg						<390	
Diphenylhydrazine,1,2-	µg/kg						<390	
Fluoranthene	µg/kg						<390	
Fluorene	µg/kg						<390	
Hexachlorobutadiene	µg/kg						<390	
Hexachloroethane	µg/kg						<390	
Indeno(1,2,3-cd)pyrene	µg/kg						<390	
Isophorone	µg/kg						<390	

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-268	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269
Sample ID	1027243	1027244	1027245	1027245	1027246	1027247	1027247	1027247
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
Sample Time	10:42	11:35	11:40	11:40	11:47	11:50	11:50	11:50
Sample Depth	10' - 12'	0' - 2'	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'	6' - 8'
Laboratory	LEA	LEA	AEL	LEA	LEA	AEL	AEL	LEA
Lab. Number	97-1822-322	97-1823-323	AEL97003093	97-1824-324	97-1825-325	AEL97003094	97-1826-326	
Constituent	Units							
Naphthalene	µg/kg					<390		
Nitrobenzene	µg/kg					<390		
Nitrophenol,2-	µg/kg					<390		
Nitrophenol,4-	µg/kg					<390		
Nitroso-n-propylamine,n-	µg/kg					<390		
Nitrosodimethylamine,n-	µg/kg					<390		
Nitrosodiphenylamine,n-	µg/kg					<390		
Pentachlorophenol	µg/kg					<390		
Phenanthrene	µg/kg					<390		
Phenol	µg/kg					<390		
Pyrene	µg/kg					<390		
Trichlorophenol,2,4,6-	µg/kg					<390		
Acetone	µg/kg		<36			<29		
Acrolein	µg/kg		<18			<14		
Acrylonitrile	µg/kg		<18			<14		
Benzene	µg/kg		<7.2			<5.8		
Benzene (screening)	µg/kg	<8	<8	<8	<8	<8		<8
Bromobenzene	µg/kg			<7.2			<5.8	
Bromoform	µg/kg			<7.2			<5.8	
Carbon Disulfide	µg/kg			<7.2			<5.8	
Carbon Tetrachloride	µg/kg			<7.2			<5.8	
Chlorobenzene	µg/kg			<7.2			<5.8	
Chlorodibromomethane	µg/kg			<7.2			<5.8	
Chloroethane	µg/kg			<7.2			<5.8	
Chloroethyl Vinyl Ether,2-	µg/kg			<7.2			<5.8	
Chloroform	µg/kg			<7.2			<5.8	
Chlorotoluene,o-	µg/kg			<7.2			<5.8	
Chlorotoluene,p-	µg/kg			<7.2			<5.8	

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-268	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269	NK-SB-269
	Sample ID	1027243	1027244	1027245	1027245	1027246	1027247	1027247
	Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
	Sample Time	10:42	11:35	11:40	11:40	11:47	11:50	11:50
	Sample Depth	10' - 12'	0' - 2'	2' - 4'	2' - 4'	4' - 6'	6' - 8'	6' - 8'
	Laboratory	LEA	LEA	AEL	LEA	LEA	AEL	LEA
	Lab. Number	97-1822-322	97-1823-323	AEL97003093	97-1824-324	97-1825-325	AEL97003094	97-1826-326
Constituent	Units							
Dibromomethane	µg/kg			<7.2			<5.8	
Dichlorobenzene, 1,2-	µg/kg			<7.2			<5.8	
Dichlorobenzene, 1,3-	µg/kg			<7.2			<5.8	
Dichlorobenzene, 1,4-	µg/kg			<7.2			<5.8	
Dichlorobromomethane	µg/kg			<7.2			<5.8	
Dichlorodifluoromethane	µg/kg			<7.2			<5.8	
Dichloroethane, 1,1-	µg/kg			<7.2			<5.8	
Dichloroethane, 1,2-	µg/kg			<7.2			<5.8	
Dichloroethylene, 1,1-	µg/kg			<7.2			<5.8	
Dichloroethylene, 1,2-cis-	µg/kg			<7.2			<5.8	
Dichloroethylene, 1,2-trans-	µg/kg			<7.2			<5.8	
Dichloropropane, 1,2-	µg/kg			<7.2			<5.8	
Dichloropropylene, 1,3-cis-	µg/kg			<7.2			<5.8	
Dichloropropylene, 1,3-trans-	µg/kg			<7.2			<5.8	
Ethylbenzene	µg/kg			<7.2			<5.8	
Ethylbenzene (screening)	µg/kg	<17	<17		<17	<17		<17
Hexanone, 2-	µg/kg			<18			<14	
Methyl Bromide	µg/kg			<7.2			<5.8	
Methyl Chloride	µg/kg			<7.2			<5.8	
Methyl Ethyl Ketone	µg/kg			<18			<14	
Methyl-2-pentanone, 4-	µg/kg			<18			<14	
Methyl-tert-butyl Ether	µg/kg			<7.2			<5.8	
Methylene Chloride	µg/kg			<20			<16	
Styrene	µg/kg			<7.2			<5.8	
Tetrachloroethane, 1,1,1,2-	µg/kg			<7.2			<5.8	
Tetrachloroethane, 1,1,2,2-	µg/kg			<7.2			<5.8	
Tetrachloroethylene	µg/kg			<7.2			<5.8	
Tetrachloroethylene (screening)	µg/kg	<21	<21		<21	<21		<22

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-269	NK-SB-269	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270
	Sample ID	1027248	1027249	1027250	1027251	1027252	1027252	1027253
	Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
	Sample Time	11:55	12:00	13:50	13:52	13:52	13:52	14:07
	Sample Depth	8' - 10'	10' - 12'	0' - 2'	2' - 4'	2' - 4'	2' - 4'	4' - 6'
	Laboratory	LEA	LEA	LEA	LEA	AEL	LEA	AEL
	Lab. Number	97-1827-327	97-1828-328	97-1829-329	97-1830-330	AEL97003095	97-1835-335	AEL97003096
Constituent	Units							
Date Metals Analyzed	-					03/18/1997		03/18/1997
Date Organics Analyzed	-	03/07/1997	03/07/1997	03/07/1997	03/07/1997	03/19/1997	03/08/1997	03/19/1997
Date Physical Analyzed	-					03/26/1997		03/26/1997
Date Semi-volatile Organics Analyzed	-					04/04/1997		
Arsenic	mg/kg					<0.4		<0.43
Barium	mg/kg					9.98		11.1
Cadmium	mg/kg					<3.15		<3.22
Chromium	mg/kg					<5.25		5.89
Lead	mg/kg					<21		<21.4
Mercury	mg/kg					<0.08		<0.09
Nickel	mg/kg					<10.5		<10.7
Selenium	mg/kg					<1.05		<1.07
Silver	mg/kg					<5.25		<5.36
Zinc	mg/kg					8.4		12.6
Hexachlorobenzene	µg/kg					<350		
Hexachlorocyclopentadiene	µg/kg					<350		
Total Petroleum Hydrocarbons	mg/kg					<35.0		<37.3
Acenaphthene	µg/kg					<350		
Acenaphthylene	µg/kg					<350		
Anthracene	µg/kg					<350		
Benzidine	µg/kg					<350		
Benzo[a]anthracene	µg/kg					<350		
Benzo[a]pyrene	µg/kg					<350		
Benzo[b]fluoranthene	µg/kg					<350		
Benzo[ghi]perylene	µg/kg					<350		
Benzo[k]fluoranthene	µg/kg					<350		
Bis(2-chloroethoxy)methane	µg/kg					<350		
Bis(2-chloroethyl)ether	µg/kg					<350		

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SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-269	NK-SB-269	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270
Sample ID	1027248	1027249	1027250	1027251	1027252	1027252	1027253	1027253
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
Sample Time	11:55	12:00	13:50	13:52	13:52	13:52	13:52	14:07
Sample Depth	8' - 10'	10' - 12'	0' - 2'	2' - 4'	2' - 4'	2' - 4'	2' - 4'	4' - 6'
Laboratory	LEA	LEA	LEA	LEA	AEL	LEA	LEA	AEL
Lab. Number	97-1827-327	97-1828-328	97-1829-329	97-1830-330	AEL97003095	97-1835-335	97-1835-335	AEL97003096
Constituent	Units							
Bis(2-chloroisopropyl)ether	µg/kg				<350			
Bis(2-ethylhexyl)phthalate	µg/kg				<350			
Bromophenyl Phenyl Ether,4-	µg/kg				<350			
Butyl Benzyl Phthalate	µg/kg				<350			
Chloro-m-cresol,p-	µg/kg				<350			
Chloronaphthalene,2-	µg/kg				<350			
Chlorophenol,2-	µg/kg				<350			
Chlorophenyl Phenyl Ether,4-	µg/kg				<350			
Chrysene	µg/kg				<350			
Di-n-butyl Phthalate	µg/kg				<350			
Di-n-octyl Phthalate	µg/kg				<350			
Dibenzof[a,h]anthracene	µg/kg				<350			
Dichlorobenzidine,3,3'-	µg/kg				<350			
Dichlorophenol,2,4-	µg/kg				<350			
Diethyl Phthalate	µg/kg				<350			
Dimethyl Phthalate	µg/kg				<350			
Dimethylphenol,2,4-	µg/kg				<350			
Dinitro-o-cresol,4,6-	µg/kg				<350			
Dinitrophenol,2,4-	µg/kg				<350			
Dinitrotoluene,2,4-	µg/kg				<350			
Dinitrotoluene,2,6-	µg/kg				<350			
Diphenylhydrazine,1,2-	µg/kg				<350			
Fluoranthene	µg/kg				<350			
Fluorene	µg/kg				<350			
Hexachlorobutadiene	µg/kg				<350			
Hexachloroethane	µg/kg				<350			
Indeno(1,2,3-cd)pyrene	µg/kg				<350			
Isophorone	µg/kg				<350			

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SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-269	NK-SB-269	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270
Sample ID	1027248	1027249	1027250	1027251	1027252	1027252	1027253	1027253
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
Sample Time	11:55	12:00	13:50	13:52	13:52	13:52	13:52	14:07
Sample Depth	8' - 10'	10' - 12'	0' - 2'	2' - 4'	2' - 4'	2' - 4'	2' - 4'	4' - 6'
Laboratory	LEA	LEA	LEA	LEA	AEL	LEA	LEA	AEL
Lab. Number	97-1827-327	97-1828-328	97-1829-329	97-1830-330	AEL97003095	97-1835-335	97-1835-335	AEL97003096
Constituent	Units							
Naphthalene	µg/kg				<350			
Nitrobenzene	µg/kg				<350			
Nitrophenol,2-	µg/kg				<350			
Nitrophenol,4-	µg/kg				<350			
Nitroso-n-propylamine,n-	µg/kg				<350			
Nitrosodimethylamine,n-	µg/kg				<350			
Nitrosodiphenylamine,n-	µg/kg				<350			
Pentachlorophenol	µg/kg				<350			
Phenanthrene	µg/kg				<350			
Phenol	µg/kg				<350			
Pyrene	µg/kg				<350			
Trichlorophenol,2,4,6-	µg/kg				<350			
Acetone	µg/kg				<28		<25	
Acrolein	µg/kg				<14		<13	
Acrylonitrile	µg/kg				<14		<13	
Benzene	µg/kg				<5.6		<5.1	
Benzene (screening)	µg/kg	<8	<8 nc	<8 nc	<8		<8	
Bromobenzene	µg/kg				<5.6		<5.1	
Bromoform	µg/kg				<5.6		<5.1	
Carbon Disulfide	µg/kg				<5.6		<5.1	
Carbon Tetrachloride	µg/kg				<5.6		<5.1	
Chlorobenzene	µg/kg				<5.6		<5.1	
Chlorodibromomethane	µg/kg				<5.6		<5.1	
Chloroethane	µg/kg				<5.6		<5.1	
Chloroethyl Vinyl Ether,2-	µg/kg				<5.6		<5.1	
Chloroform	µg/kg				<5.6		<5.1	
Chlorotoluene,o-	µg/kg				<5.6		<5.1	
Chlorotoluene,p-	µg/kg				<5.6		<5.1	

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-269	NK-SB-269	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270
	Sample ID	1027248	1027249	1027250	1027251	1027252	1027252	1027253
	Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
	Sample Time	11:55	12:00	13:50	13:52	13:52	13:52	14:07
	Sample Depth	8' - 10'	10' - 12'	0' - 2'	2' - 4'	2' - 4'	2' - 4'	4' - 6'
	Laboratory	LEA	LEA	LEA	LEA	AEL	LEA	AEL
	Lab. Number	97-1827-327	97-1828-328	97-1829-329	97-1830-330	AEL97003095	97-1835-335	AEL97003096
Constituent	Units							
Dibromomethane	µg/kg					<5.6		<5.1
Dichlorobenzene, 1,2-	µg/kg					<5.6		<5.1
Dichlorobenzene, 1,3-	µg/kg					<5.6		<5.1
Dichlorobenzene, 1,4-	µg/kg					<5.6		<5.1
Dichlorobromomethane	µg/kg					<5.6		<5.1
Dichlorodifluoromethane	µg/kg					<5.6		<5.1
Dichloroethane, 1,1-	µg/kg					<5.6		<5.1
Dichloroethane, 1,2-	µg/kg					<5.6		<5.1
Dichloroethylene, 1,1-	µg/kg					<5.6		<5.1
Dichloroethylene, 1,2-cis-	µg/kg					<5.6		<5.1
Dichloroethylene, 1,2-trans-	µg/kg					<5.6		<5.1
Dichloropropane, 1,2-	µg/kg					<5.6		<5.1
Dichloropropylene, 1,3-cis-	µg/kg					<5.6		<5.1
Dichloropropylene, 1,3-trans-	µg/kg					<5.6		<5.1
Ethylbenzene	µg/kg					<5.6		<5.1
Ethylbenzene (screening)	µg/kg	<17	<17 nc	<17 nc	<17		<17	
Hexanone, 2-	µg/kg					<14		<13
Methyl Bromide	µg/kg					<5.6		<5.1
Methyl Chloride	µg/kg					<5.6		<5.1
Methyl Ethyl Ketone	µg/kg					<14		<13
Methyl-2-pentanone, 4-	µg/kg					<14		<13
Methyl-tert-butyl Ether	µg/kg					<5.6		<5.1
Methylene Chloride	µg/kg					<7.0		<7.6
Styrene	µg/kg					<5.6		<5.1
Tetrachloroethane, 1,1,1,2-	µg/kg					<5.6		<5.1
Tetrachloroethane, 1,1,2,2-	µg/kg					<5.6		<5.1
Tetrachloroethylene	µg/kg					<5.6		<5.1
Tetrachloroethylene (screening)	µg/kg	<22	<22 nc	<22 nc	<22		<22	

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SUMMARY OF ANALYTICAL RESULTS - SOIL
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SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-271	NK-SB-271	NK-SB-271
Sample ID	1027253	1027254	1027255	1027256	1027257	1027258	1027259	1027259
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
Sample Time	14:07	14:10	14:18	14:25	15:12	15:15	15:30	
Sample Depth	4' - 6'	6' - 8'	8' - 10'	10' - 12'	0' - 2'	2' - 4'	4' - 6'	
Laboratory	LEA	AEL						
Lab. Number	97-1836-336	97-1837-337	97-1838-338	97-1839-339	97-1840-340	97-1841-341	97-1841-341	AEL97003097
Constituent	Units							
Date Metals Analyzed	-							03/18/1997
Date Organics Analyzed	-	03/08/1997	03/08/1997	03/08/1997	03/08/1997	03/08/1997	03/08/1997	03/19/1997
Date Physical Analyzed	-							03/26/1997
Date Semi-volatile Organics Analyzed	-							04/04/1997
Arsenic	mg/kg							<0.45
Barium	mg/kg							7.26
Cadmium	mg/kg							<3.4
Chromium	mg/kg							<5.67
Lead	mg/kg							<22.7
Mercury	mg/kg							<0.09
Nickel	mg/kg							<11.3
Selenium	mg/kg							<1.13
Silver	mg/kg							<5.67
Zinc	mg/kg							9.75
Hexachlorobenzene	µg/kg							<370
Hexachlorocyclopentadiene	µg/kg							<370
Total Petroleum Hydrocarbons	mg/kg							<38.3
Acenaphthene	µg/kg							<370
Acenaphthylene	µg/kg							<370
Anthracene	µg/kg							<370
Benzidine	µg/kg							<370
Benzo[a]anthracene	µg/kg							<370
Benzo[a]pyrene	µg/kg							<370
Benzo[b]fluoranthene	µg/kg							<370
Benzo[ghi]perylene	µg/kg							<370
Benzo[k]fluoranthene	µg/kg							<370
Bis(2-chloroethoxy)methane	µg/kg							<370
Bis(2-chloroethyl)ether	µg/kg							<370

Notes: 1. Printed on 07/13/99



Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-271	NK-SB-271	NK-SB-271
Sample ID	1027253	1027254	1027255	1027256	1027257	1027258	1027259	
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
Sample Time	14:07	14:10	14:18	14:25	15:12	15:15	15:30	
Sample Depth	4' - 6'	6' - 8'	8' - 10'	10' - 12'	0' - 2'	2' - 4'	4' - 6'	
Laboratory	LEA	LEA	LEA	LEA	LEA	LEA	AEL	
Lab. Number	97-1836-336	97-1837-337	97-1838-338	97-1839-339	97-1840-340	97-1841-341	AEL97003097	
Constituent	Units							
Bis(2-chloroisopropyl)ether	µg/kg							<370
Bis(2-ethylhexyl)phthalate	µg/kg							<370
Bromophenyl Phenyl Ether, 4-	µg/kg							<370
Butyl Benzyl Phthalate	µg/kg							<370
Chloro-m-cresol,p-	µg/kg							<370
Chloronaphthalene, 2-	µg/kg							<370
Chlorophenol,2-	µg/kg							<370
Chlorophenyl Phenyl Ether, 4-	µg/kg							<370
Chrysene	µg/kg							<370
Di-n-butyl Phthalate	µg/kg							<370
Di-n-octyl Phthalate	µg/kg							<370
Dibenzo[a,h]anthracene	µg/kg							<370
Dichlorobenzidine,3,3'-	µg/kg							<370
Dichlorophenol,2,4-	µg/kg							<370
Diethyl Phthalate	µg/kg							<370
Dimethyl Phthalate	µg/kg							<370
Dimethylphenol,2,4-	µg/kg							<370
Dinitro-o-cresol,4,6-	µg/kg							<370
Dinitrophenol,2,4-	µg/kg							<370
Dinitrotoluene,2,4-	µg/kg							<370
Dinitrotoluene,2,6-	µg/kg							<370
Diphenylhydrazine,1,2-	µg/kg							<370
Fluoranthene	µg/kg							<370
Fluorene	µg/kg							<370
Hexachlorobutadiene	µg/kg							<370
Hexachloroethane	µg/kg							<370
Indeno(1,2,3-cd)pyrene	µg/kg							<370
Isophorone	µg/kg							<370

Notes: 1. Printed on 07/13/99

Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-271	NK-SB-271	NK-SB-271
Sample ID	1027253	1027254	1027255	1027256	1027257	1027258	1027259	1027259
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
Sample Time	14:07	14:10	14:18	14:25	15:12	15:15	15:30	
Sample Depth	4' - 6'	6' - 8'	8' - 10'	10' - 12'	0' - 2'	2' - 4'	4' - 6'	
Laboratory	LEA	LEA	LEA	LEA	LEA	LEA	AEL	
Lab. Number	97-1836-336	97-1837-337	97-1838-338	97-1839-339	97-1840-340	97-1841-341	AEL97003097	
Constituent	Units							
Naphthalene	µg/kg							<370
Nitrobenzene	µg/kg							<370
Nitrophenol,2-	µg/kg							<370
Nitrophenol,4-	µg/kg							<370
Nitroso-n-propylamine,n-	µg/kg							<370
Nitrosodimethylamine,n-	µg/kg							<370
Nitrosodiphenylamine,n-	µg/kg							<370
Pentachlorophenol	µg/kg							<370
Phenanthrene	µg/kg							<370
Phenol	µg/kg							<370
Pyrene	µg/kg							<370
Trichlorophenol,2,4,6-	µg/kg							<370
Acetone	µg/kg							<29
Acrolein	µg/kg							<14
Acrylonitrile	µg/kg							<14
Benzene	µg/kg							<5.8
Benzene (screening)	µg/kg	<8 nc	<8	<8	<8 nc	<8 nc	<8	
Bromobenzene	µg/kg							<5.8
Bromoform	µg/kg							<5.8
Carbon Disulfide	µg/kg							<5.8
Carbon Tetrachloride	µg/kg							<5.8
Chlorobenzene	µg/kg							<5.8
Chlorodibromomethane	µg/kg							<5.8
Chloroethane	µg/kg							<5.8
Chloroethyl Vinyl Ether,2-	µg/kg							<5.8
Chloroform	µg/kg							<5.8
Chlorotoluene,o-	µg/kg							<5.8
Chlorotoluene,p-	µg/kg							<5.8

Notes: 1. Printed on 07/13/99

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Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-270	NK-SB-271	NK-SB-271	NK-SB-271
	Sample ID	1027253	1027254	1027255	1027256	1027257	1027258	1027259
	Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997
	Sample Time	14:07	14:10	14:18	14:25	15:12	15:15	15:30
	Sample Depth	4' - 6'	6' - 8'	8' - 10'	10' - 12'	0' - 2'	2' - 4'	4' - 6'
	Laboratory	LEA	LEA	LEA	LEA	LEA	LEA	AEL
	Lab. Number	97-1836-336	97-1837-337	97-1838-338	97-1839-339	97-1840-340	97-1841-341	AEL97003097
Constituent	Units							
Dibromomethane	µg/kg							<5.8
Dichlorobenzene, 1,2-	µg/kg							<5.8
Dichlorobenzene, 1,3-	µg/kg							<5.8
Dichlorobenzene, 1,4-	µg/kg							<5.8
Dichlorobromomethane	µg/kg							<5.8
Dichlorodifluoromethane	µg/kg							<5.8
Dichloroethane, 1,1-	µg/kg							<5.8
Dichloroethane, 1,2-	µg/kg							<5.8
Dichloroethylene, 1,1-	µg/kg							<5.8
Dichloroethylene, 1,2-cis-	µg/kg							<5.8
Dichloroethylene, 1,2-trans-	µg/kg							<5.8
Dichloropropane, 1,2-	µg/kg							<5.8
Dichloropropylene, 1,3-cis-	µg/kg							<5.8
Dichloropropylene, 1,3-trans-	µg/kg							<5.8
Ethylbenzene	µg/kg							<5.8
Ethylbenzene (screening)	µg/kg	<17 nc	<17	<17	<17 nc	<17 nc	<17	
Hexanone, 2-	µg/kg							<14
Methyl Bromide	µg/kg							<5.8
Methyl Chloride	µg/kg							<5.8
Methyl Ethyl Ketone	µg/kg							<14
Methyl-2-pentanone, 4-	µg/kg							<14
Methyl-tert-butyl Ether	µg/kg							<5.8
Methylene Chloride	µg/kg							<13
Styrene	µg/kg							<5.8
Tetrachloroethane, 1,1,1,2-	µg/kg							<5.8
Tetrachloroethane, 1,1,2,2-	µg/kg							<5.8
Tetrachloroethylene	µg/kg							<5.8
Tetrachloroethylene (screening)	µg/kg	<22 nc	<21	<22	<22 nc	<22 nc	<21	

Notes: 1. Printed on 07/13/99

Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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Notes: 1. Printed on 07/13/99



Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-271	NK-SB-271	NK-SB-271	NK-SB-271	NK-SB-271		
	Sample ID	1027259	1027260	1027261	1027261	1027262		
	Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997		
	Sample Time	15:30	15:35	15:40	15:40	15:42		
	Sample Depth	4' - 6'	6' - 8'	8' - 10'	8' - 10'	10' - 12'		
	Laboratory	LEA	LEA	AEL	LEA	LEA		
	Lab. Number	97-1842-342	97-1843-343	AEL97003098	97-1845-345	97-1846-346		
Constituent	Units							
Date Metals Analyzed	-			03/18/1997				
Date Organics Analyzed	-	03/08/1997	03/08/1997	03/19/1997	03/08/1997	03/08/1997		
Date Physical Analyzed	-			03/26/1997				
Date Semi-volatile Organics Analyzed	-							
Arsenic	mg/kg			<0.49				
Barium	mg/kg			11.8				
Cadmium	mg/kg			<3.68				
Chromium	mg/kg			<6.13				
Lead	mg/kg			<24.5				
Mercury	mg/kg			<0.10				
Nickel	mg/kg			<12.3				
Selenium	mg/kg			<1.23				
Silver	mg/kg			<6.13				
Zinc	mg/kg			11.8				
Hexachlorobenzene	µg/kg							
Hexachlorocyclopentadiene	µg/kg							
Total Petroleum Hydrocarbons	mg/kg			<41.7				
Acenaphthene	µg/kg							
Acenaphthylene	µg/kg							
Anthracene	µg/kg							
Benzidine	µg/kg							
Benzo[a]anthracene	µg/kg							
Benzo[a]pyrene	µg/kg							
Benzo[b]fluoranthene	µg/kg							
Benzo[ghi]perylene	µg/kg							
Benzo[k]fluoranthene	µg/kg							
Bis(2-chloroethoxy)methane	µg/kg							
Bis(2-chloroethyl)ether	µg/kg							

Notes: 1. Printed on 07/13/99



Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-271	NK-SB-271	NK-SB-271	NK-SB-271	NK-SB-271		
Sample ID	1027259	1027260	1027261	1027261	1027262			
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997			
Sample Time	15:30	15:35	15:40	15:40	15:42			
Sample Depth	4' - 6'	6' - 8'	8' - 10'	8' - 10'	10' - 12'			
Laboratory	LEA	LEA	AEL	LEA	LEA			
Lab. Number	97-1842-342	97-1843-343	AEL97003098	97-1845-345	97-1846-346			
Constituent	Units							
Bis(2-chloroisopropyl)ether	µg/kg							
Bis(2-ethylhexyl)phthalate	µg/kg							
Bromophenyl Phenyl Ether,4-	µg/kg							
Butyl Benzyl Phthalate	µg/kg							
Chloro-m-cresol,p-	µg/kg							
Chloronaphthalene,2-	µg/kg							
Chlorophenol,2-	µg/kg							
Chlorophenyl Phenyl Ether,4-	µg/kg							
Chrysene	µg/kg							
Di-n-butyl Phthalate	µg/kg							
Di-n-octyl Phthalate	µg/kg							
Dibenzo[a,h]anthracene	µg/kg							
Dichlorobenzidine,3,3'-	µg/kg							
Dichlorophenol,2,4-	µg/kg							
Diethyl Phthalate	µg/kg							
Dimethyl Phthalate	µg/kg							
Dimethylphenol,2,4-	µg/kg							
Dinitro-o-cresol,4,6-	µg/kg							
Dinitrophenol,2,4-	µg/kg							
Dinitrotoluene,2,4-	µg/kg							
Dinitrotoluene,2,6-	µg/kg							
Diphenylhydrazine,1,2-	µg/kg							
Fluoranthene	µg/kg							
Fluorene	µg/kg							
Hexachlorobutadiene	µg/kg							
Hexachloroethane	µg/kg							
Indeno(1,2,3-cd)pyrene	µg/kg							
Isophorone	µg/kg							

Notes: 1. Printed on 07/13/99



Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-271	NK-SB-271	NK-SB-271	NK-SB-271	NK-SB-271		
Sample ID	1027259	1027260	1027261	1027261	1027262			
Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997			
Sample Time	15:30	15:35	15:40	15:40	15:42			
Sample Depth	4' - 6'	6' - 8'	8' - 10'	8' - 10'	10' - 12'			
Laboratory	LEA	LEA	AEL	LEA	LEA			
Lab. Number	97-1842-342	97-1843-343	AEL97003098	97-1845-345	97-1846-346			
Constituent	Units							
Naphthalene	µg/kg							
Nitrobenzene	µg/kg							
Nitrophenol,2-	µg/kg							
Nitrophenol,4-	µg/kg							
Nitroso-n-propylamine,n-	µg/kg							
Nitrosodimethylamine,n-	µg/kg							
Nitrosodiphenylamine,n-	µg/kg							
Pentachlorophenol	µg/kg							
Phenanthrene	µg/kg							
Phenol	µg/kg							
Pyrene	µg/kg							
Trichlorophenol,2,4,6-	µg/kg							
Acetone	µg/kg			<28				
Acrolein	µg/kg			<14				
Acrylonitrile	µg/kg			<14				
Benzene	µg/kg			<5.6				
Benzene (screening)	µg/kg	<8	<8		<8 nc	<8		
Bromobenzene	µg/kg			<5.6				
Bromoform	µg/kg			<5.6				
Carbon Disulfide	µg/kg			<5.6				
Carbon Tetrachloride	µg/kg			<5.6				
Chlorobenzene	µg/kg			<5.6				
Chlorodibromomethane	µg/kg			<5.6				
Chloroethane	µg/kg			<5.6				
Chloroethyl Vinyl Ether,2-	µg/kg			<5.6				
Chloroform	µg/kg			<5.6				
Chlorotoluene,o-	µg/kg			<5.6				
Chlorotoluene,p-	µg/kg			<5.6				

Notes: 1. Printed on 07/13/99



Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-271	NK-SB-271	NK-SB-271	NK-SB-271	NK-SB-271		
	Sample ID	1027259	1027260	1027261	1027261	1027262		
	Sample Date	03/05/1997	03/05/1997	03/05/1997	03/05/1997	03/05/1997		
	Sample Time	15:30	15:35	15:40	15:40	15:42		
	Sample Depth	4' - 6'	6' - 8'	8' - 10'	8' - 10'	10' - 12'		
	Laboratory	LEA	LEA	AEL	LEA	LEA		
	Lab. Number	97-1842-342	97-1843-343	AEL97003098	97-1845-345	97-1846-346		
Constituent	Units							
Dibromomethane	µg/kg			<5.6				
Dichlorobenzene, 1,2-	µg/kg			<5.6				
Dichlorobenzene, 1,3-	µg/kg			<5.6				
Dichlorobenzene, 1,4-	µg/kg			<5.6				
Dichlorobromomethane	µg/kg			<5.6				
Dichlorodifluoromethane	µg/kg			<5.6				
Dichloroethane, 1,1-	µg/kg			<5.6				
Dichloroethane, 1,2-	µg/kg			<5.6				
Dichloroethylene, 1,1-	µg/kg			<5.6				
Dichloroethylene, 1,2-cis-	µg/kg			<5.6				
Dichloroethylene, 1,2-trans-	µg/kg			<5.6				
Dichloropropane, 1,2-	µg/kg			<5.6				
Dichloropropylene, 1,3-cis-	µg/kg			<5.6				
Dichloropropylene, 1,3-trans-	µg/kg			<5.6				
Ethylbenzene	µg/kg			<5.6				
Ethylbenzene (screening)	µg/kg	<16	<17		<17 nc	<17		
Hexanone, 2-	µg/kg			<14				
Methyl Bromide	µg/kg			<5.6				
Methyl Chloride	µg/kg			<5.6				
Methyl Ethyl Ketone	µg/kg			<14				
Methyl-2-pentanone, 4-	µg/kg			<14				
Methyl-tert-butyl Ether	µg/kg			<5.6				
Methylene Chloride	µg/kg			<14				
Styrene	µg/kg			<5.6				
Tetrachloroethane, 1,1,1,2-	µg/kg			<5.6				
Tetrachloroethane, 1,1,2,2-	µg/kg			<5.6				
Tetrachloroethylene	µg/kg			<5.6				
Tetrachloroethylene (screening)	µg/kg	<21	<21		<22 nc	<22		

Notes: 1. Printed on 07/13/99



Table 3
SUMMARY OF ANALYTICAL RESULTS - SOIL
P&W East Hartford: M.E.R.L. Dry Well

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Notes: 1. Printed on 07/13/99



Table 4 **DRAFT**
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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Notes: 1. Only Detects Shown
2. Printed on 07/13/99



Table 4 *DRAFT*
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION (DETECTS) - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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Notes: 1. Only Detects Shown
2. Printed on 07/13/99



Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-MW-13	NK-MW-13	NK-MW-13	NK-MW-13	NK-MW-13	NK-SB-268	NK-SB-269
Sample ID	01101052593	1016639	1634463	1634463	1647391	1027281	1027282	
Sample Date	05/25/1993	08/05/1996	06/03/1997	06/03/1997	11/20/1997	03/05/1997	03/05/1997	
Sample Time		13:10	10:35	10:35	13:20	10:50		13:00
Sample Depth	5.0' - 15.0'	5.0' - 15.0'	5.0' - 15.0'	5.0' - 15.0'	5' - 15'	5' - 6'		5' - 6'
Laboratory	ENS	AEL	QUAN	QUAN	QUAN	AEL		AEL
Lab. Number	0288500004SA	AEL96008691	A7F040150002	A7F050105004	A7K240137017	AEL97002692		AEL97002693
Constituent	Units							
Depth of Well	FT		17.51	17.50	17.50	17.37		
Depth to Water	FT		12.1	11.44	11.44	12.01		
Specific Conductivity (field)	µmhos		61	30	30	43		
Water Elevation	FT		38.39	39.05	39.05	38.48		
pH (field)	SU		5.85	5.31	5.31	5.63		
Date Metals Analyzed	-	06/09/1993	08/13/1996	06/16/1997		12/07/1997	03/26/1997	03/26/1997
Date Organics Analyzed	-	06/03/1993	08/14/1996		06/15/1997	12/03/1997	03/18/1997	03/18/1997
Date Physical Analyzed	-		08/14/1996				03/14/1997	03/14/1997
Date Semi-volatile Organics Analyzed	-	06/03/1993					04/03/1997	04/03/1997
Arsenic	mg/L	<0.0050	<0.004	<0.0050 U		<0.0100 U	<0.004	<0.004
Barium	mg/L	0.012	0.020	<0.2 U		<0.2 U	<0.050	<0.050
Beryllium	mg/l	<0.0020						
Cadmium	mg/L	<0.0050	<0.0010	<0.0050 U		<0.0050 U	<0.0010	0.0018
Chromium	mg/L		<0.010	<0.0100 U		<0.0100 U	<0.050	<0.050
Chromium (Total)	mg/l	<0.010						
Copper	mg/l	<0.010						
Iron	mg/l	<0.10						
Lead	mg/L	<0.0050	<0.0050	<0.0030 U		<0.0030 U	<0.0050	<0.0050
Mercury	mg/L	<0.00020	<0.0004	<0.00020 U		<0.00020 U	<0.0004	<0.0004
Nickel	mg/L	<0.040	<0.020	<0.0400 U		<0.0400 U	<0.10	<0.10
Selenium	mg/L	<0.0050	<0.010	<0.0050 U J		<0.0050 U	<0.010	<0.010
Silver	mg/L	<0.010	<0.010	<0.0100 U		<0.0100 U	<0.027	<0.027
Tin	mg/l	<0.50						
Zinc	mg/L	<0.020	0.024	0.0364 J		0.101	0.083	0.106
Dibromo-3-chloroproppane, 1,2-	µg/L				<5.0 U	<5.0 U		
Hexachlorobenzene	µg/L						<1.2 MDL	<1.2 MDL
Hexachlorocyclopentadiene	µg/L						<10	<10
Total Petroleum Hydrocarbons	mg/L		<1.0				<0.5	<0.5

Notes: 1. Printed on 07/13/99

Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-MW-13	NK-MW-13	NK-MW-13	NK-MW-13	NK-MW-13	NK-SB-268	NK-SB-269
Sample ID	01101052593	1016639	1634463	1634463	1647391	1027281	1027282	
Sample Date	05/25/1993	08/05/1996	06/03/1997	06/03/1997	11/20/1997	03/05/1997	03/05/1997	
Sample Time		13:10	10:35	10:35	13:20	10:50		13:00
Sample Depth	5.0' - 15.0'	5.0' - 15.0'	5.0' - 15.0'	5.0' - 15.0'	5' - 15'	5' - 6'		5' - 6'
Laboratory	ENS	AEL	QUAN	QUAN	QUAN	AEL		AEL
Lab. Number	0288500004SA	AEL96008691	A7F040150002	A7F050105004	A7K240137017	AEL97002692		AEL97002693
Constituent	Units							
Acenaphthene	µg/L					<10	<10	
Acenaphthylene	µg/L					<1.6 MDL	<1.6 MDL	
Anthracene	µg/L					<10	<10	
Benzidine	µg/L					<10	<10	
Benzo[a]anthracene	µg/L					<0.82 MDL	<0.82 MDL	
Benzo[a]pyrene	µg/L					<0.37 MDL	<0.37 MDL	
Benzo[b]fluoranthene	µg/L					<0.51 MDL	<0.51 MDL	
Benzo[ghi]perylene	µg/L					<10	<10	
Benzo[k]fluoranthene	µg/L					<0.60 MDL	<0.60 MDL	
Bis(2-chloroethoxy)methane	µg/L					<10	<10	
Bis(2-chloroethyl)ether	µg/L					<10	<10	
Bis(2-chloroisopropyl)ether	µg/L					<10	<10	
Bis(2-ethylhexyl)phthalate	µg/L					<4.3 U	<1.6 U	
Bromophenyl Phenyl Ether, 4-	µg/L					<10	<10	
Butyl Benzyl Phthalate	µg/L					<10	<10	
Chloro-m-cresol,p-	µg/L					<10	<10	
Chloronaphthalene,2-	µg/L					<10	<10	
Chlorophenol,2-	µg/L					<10	<10	
Chlorophenyl Phenyl Ether, 4-	µg/L					<10	<10	
Chrysene	µg/L					<10	<10	
Di-n-butyl Phthalate	µg/L					<10	<10	
Di-n-octyl Phthalate	µg/L					<10	<10	
Dibenzo[a,h]anthracene	µg/L					<10	<10	
Dichloro-2-butylene,1,4-trans-	µg/L			<5.0 U	<5.0 U			
Dichlorobenzidine,3,3'-	µg/L					<10	<10	
Dichlorophenol,2,4-	µg/L					<10	<10	
Diethyl Phthalate	µg/L					<10	<10	
Dimethyl Phthalate	µg/L					<10	<10	

Notes: 1. Printed on 07/13/99



Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-MW-13	NK-MW-13	NK-MW-13	NK-MW-13	NK-MW-13	NK-SB-268	NK-SB-269
	Sample ID	01101052593	1016639	1634463	1634463	1647391	1027281	1027282
	Sample Date	05/25/1993	08/05/1996	06/03/1997	06/03/1997	11/20/1997	03/05/1997	03/05/1997
	Sample Time		13:10	10:35	10:35	13:20	10:50	13:00
	Sample Depth	5.0' - 15.0'	5.0' - 15.0'	5.0' - 15.0'	5.0' - 15.0'	5' - 15'	5' - 6'	5' - 6'
	Laboratory	ENS	AEL	QUAN	QUAN	QUAN	AEL	AEL
	Lab. Number	0288500004SA	AEL96008691	A7F040150002	A7F050105004	A7K240137017	AEL97002692	AEL97002693
Constituent	Units							
Dimethylphenol,2,4-	µg/L						<10	<10
Dinitro-o-cresol,4,6-	µg/L						<10	<10
Dinitrophenol,2,4-	µg/L						<10 UJ1	<10 UJ1
Dinitrotoluene,2,4-	µg/L						<10	<10
Dinitrotoluene,2,6-	µg/L						<10	<10
Diphenylhydrazine,1,2-	µg/L						<10	<10
Fluoranthene	µg/L						<10	<10
Fluorene	µg/L						<10	<10
Hexachlorobutadiene	µg/L						<10	<10
Hexachloroethane	µg/L						<1.2 MDL	<1.2 MDL
Indeno(1,2,3-cd)pyrene	µg/L						<10	<10
Isophorone	µg/L						<10	<10
Naphthalene	µg/L						<10	<10
Nitrobenzene	µg/L						<10	<10
Nitrophenol,2-	µg/L						<10	<10
Nitrophenol,4-	µg/L						<10	<10
Nitroso-n-propylamine,n-	µg/L						<10	<10
Nitrosodimethylamine,n-	µg/L						<10	<10
Nitrosodiphenylamine,n-	µg/L						<10	<10
Pentachlorophenol	µg/L						<0.63 MDL	<0.63 MDL
Phenanthrene	µg/L						<1.1 MDL	<1.1 MDL
Phenol	µg/L						<10	<10
Pyrene	µg/L						<10	<10
Trichlorophenol,2,4,6-	µg/L						<10	<10
Acetone	µg/L		<20		<100 U R	<100 U	<4.0	<4.0
Acrolein	µg/L		<10		<20 U R	<20 U	<15	<15
Acrylonitrile	µg/L		<0.66 **		<20 U R	<20 U	<0.65	<0.65
Allyl Chloride	µg/L				<100 U	<100 U		

Notes: 1. Printed on 07/13/99



Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-MW-13	NK-MW-13	NK-MW-13	NK-MW-13	NK-MW-13	NK-SB-268	NK-SB-269
	Sample ID	01101052593	1016639	1634463	1634463	1647391	1027281	1027282
	Sample Date	05/25/1993	08/05/1996	06/03/1997	06/03/1997	11/20/1997	03/05/1997	03/05/1997
	Sample Time		13:10	10:35	10:35	13:20	10:50	13:00
	Sample Depth	5.0' - 15.0'	5.0' - 15.0'	5.0' - 15.0'	5.0' - 15.0'	5' - 15'	5' - 6'	5' - 6'
	Laboratory	ENS	AEL	QUAN	QUAN	QUAN	AEL	AEL
	Lab. Number	0288500004SA	AEL96008691	A7F040150002	A7F050105004	A7K240137017	AEL97002692	AEL97002693
Constituent	Units							
Benzene	µg/L	<0.50	<1.0		<1.0 U	<1.0 U	<1.0	<1.0
Bromobenzene	µg/L		<4.0				<1.0	<1.0
Bromoform	µg/L	<5.0	<4.0		<4.0 U	<4.0 U	<1.0	<1.0
Carbon Disulfide	µg/L		<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Carbon Tetrachloride	µg/L	<0.50	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Chlorobenzene	µg/L	<2.0	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Chlorodibromomethane	µg/L	<1.0	<0.31 **		<0.50 U	<0.50 U	<0.50	<0.50
Chloroethane	µg/L	<5.0	<4.0		<10 U	<10 U	<1.0	<1.0
Chloroethyl Vinyl Ether,2-	µg/L		<4.0				<1.0	<1.0
Chloroform	µg/L	<0.50	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Chloroprene,beta-	µg/L				<5.0 U	<5.0 U		
Chlorotoluene,o-	µg/L		<4.0				<1.0	<1.0
Chlorotoluene,p-	µg/L		<4.0				<1.0	<1.0
Dibromomethane	µg/L		<4.0		<5.0 U	<1.0 U	<1.0	<1.0
Dichlorobenzene,1,2-	µg/L	<0.50	<4.0				<1.0	<1.0
Dichlorobenzene,1,3-	µg/L	<0.50	<4.0				<1.0	<1.0
Dichlorobenzene,1,4-	µg/L	<0.50	<4.0				<1.0	<1.0
Dichlorobromomethane	µg/L	<1.0	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Dichlorodifluoromethane	µg/L		<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Dichloroethane,1,1-	µg/L	<0.50	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Dichloroethane,1,2-	µg/L	<1.0	<1.0		<1.0 U	<1.0 U	<1.0	<1.0
Dichloroethylene,1,1-	µg/L	<0.50	<4.0		<1.0 U	<1.0 U	<1.0	<1.0
Dichloroethylene,1,2-, NOS	µg/l	<0.50						
Dichloroethylene,1,2-cis-	µg/L		<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Dichloroethylene,1,2-trans-	µg/L		<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Dichloropropane,1,2-	µg/L	<1.0	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Dichloropropylene,1,3-, NOS	µg/L				<5.0 U	<5.0 U		
Dichloropropylene,1,3-cis-	µg/L	<2.0	<0.22 **			<1.0 U	<0.50	<0.50

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Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-MW-13	NK-MW-13	NK-MW-13	NK-MW-13	NK-MW-13	NK-SB-268	NK-SB-269
Sample ID	01101052593	1016639	1634463	1634463	1647391	1027281	1027282	
Sample Date	05/25/1993	08/05/1996	06/03/1997	06/03/1997	11/20/1997	03/05/1997	03/05/1997	
Sample Time		13:10	10:35	10:35	13:20	10:50		13:00
Sample Depth	5.0' - 15.0'	5.0' - 15.0'	5.0' - 15.0'	5.0' - 15.0'	5' - 15'	5' - 6'		5' - 6'
Laboratory	ENS	AEL	QUAN	QUAN	QUAN	AEL		AEL
Lab. Number	0288500004SA	AEL96008691	A7F040150002	A7F050105004	A7K240137017	AEL97002692		AEL97002693
Constituent	Units							
Dichloropropylene,1,3-trans-	µg/L	<1.0	<4.0		<1.0 U	<0.50		<0.50
Dioxane,1,4-	µg/L				<150 U R	<150 U		
Ethylbenzene	µg/L	<0.50	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Ethylene Dibromide	µg/L	<2.0			<0.50 U	<0.50 U		
Ethylmethacrylate	µg/L				<5.0 U	<5.0 U		
Hexanone,2-	µg/L		<10		<50 U	<100 U	<2.0	<2.0
Iodomethane	µg/L				<5.0 U	<5.0 U		
Isobutyl Alcohol	µg/L				<50 U R	<50 U		
Methacrylonitrile	µg/L				<5.0 U R	<5.0 U		
Methyl Bromide	µg/L	<5.0	<4.0		<10 U J	<10 U	<1.0	<1.0
Methyl Chloride	µg/L	<5.0	<4.0		<10 U	<10 U	<1.0	<1.0
Methyl Ethyl Ketone	µg/L		<10		<100 U R	<100 U	<2.0	<2.0
Methyl Methacrylate	µg/L				<5.0 U	<5.0 U		
Methyl-2-pentanone,4-	µg/L		<10		<10 U	<100 U	<2.0	<2.0
Methyl-tert-butyl Ether	µg/L	3.2	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Methylene Chloride	µg/L	<5.0	<4.0		<5.0 U	<5.0 U	<2.0	<2.0
Propionitrile	µg/L				<5.0 U	<5.0 U		
Styrene	µg/L		<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Tetrachloroethane,1,1,1,2-	µg/L		<1		<1.0 U	<1.0 U	<1.0	<1.0
Tetrachloroethane,1,1,2,2-	µg/L	<1.0	<0.30 **		<1.0 U	<1.0 U	<0.50	<0.50
Tetrachloroethylene	µg/L	<0.50	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Toluene	µg/L	0.91	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Trichloro-1,2,2-trifluoroethane,1,1,2-	µg/l	<1.0						
Trichlorobenzene,1,2,4-	µg/L						<10	<10
Trichloroethane,1,1,1-	µg/L	0.59	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Trichloroethane,1,1,2-	µg/L	<1.0	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Trichloroethylene	µg/L	<0.50	<4.0		<5.0 U	<5.0 U	<1.0	<1.0
Trichloromonofluoromethane	µg/L		<4.0		<5.0 U	<5.0 U	<1.0	<1.0

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Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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Notes: 1. Printed on 07/13/99

Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-270	NK-SB-271					
Sample ID	1027283	1027284						
Sample Date	03/05/1997	03/05/1997						
Sample Time	14:30	15:45						
Sample Depth	5.0' - 6.0'	5' - 6'						
Laboratory	AEL	AEL						
Lab. Number	AEL97002694	AEL97002695						
Constituent	Units							
Depth of Well	FT							
Depth to Water	FT							
Specific Conductivity (field)	µmhos							
Water Elevation	FT							
pH (field)	SU							
Date Metals Analyzed	-	03/26/1997	03/26/1997					
Date Organics Analyzed	-	03/19/1997	03/19/1997					
Date Physical Analyzed	-	03/14/1997	03/14/1997					
Date Semi-volatile Organics Analyzed	-	04/03/1997	04/03/1997					
Arsenic	mg/L	<0.004	<0.004					
Barium	mg/L	0.053	<0.050					
Beryllium	mg/l							
Cadmium	mg/L	<0.0010	<0.0010					
Chromium	mg/L	<0.050	<0.050					
Chromium (Total)	mg/l							
Copper	mg/l							
Iron	mg/l							
Lead	mg/L	<0.0050	<0.0050					
Mercury	mg/L	<0.0004	<0.0004					
Nickel	mg/L	<0.10	<0.10					
Selenium	mg/L	<0.010	<0.010					
Silver	mg/L	<0.027	<0.027					
Tin	mg/l							
Zinc	mg/L	<0.050	0.084					
Dibromo-3-chloropropane,1,2-	µg/L							
Hexachlorobenzene	µg/L	<1.2 MDL	<1.2 MDL					
Hexachlorocyclopentadiene	µg/L	<10	<10					
Total Petroleum Hydrocarbons	mg/L	<0.5	<0.5					

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Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-270	NK-SB-271					
Sample ID	1027283	1027284						
Sample Date	03/05/1997	03/05/1997						
Sample Time	14:30	15:45						
Sample Depth	5.0' - 6.0'	5' - 6'						
Laboratory	AEL	AEL						
Lab. Number	AEL97002694	AEL97002695						
Constituent	Units							
Acenaphthene	µg/L	<10	<10					
Acenaphthylene	µg/L	<1.6 MDL	<1.6 MDL					
Anthracene	µg/L	<10	<10					
Benzidine	µg/L	<10	<10					
Benzo[a]anthracene	µg/L	<0.82 MDL	<0.82 MDL					
Benzo[a]pyrene	µg/L	<0.37 MDL	<0.37 MDL					
Benzo[b]fluoranthene	µg/L	<0.51 MDL	<0.51 MDL					
Benzo[ghi]perylene	µg/L	<10	<10					
Benzo[k]fluoranthene	µg/L	<0.60 MDL	<0.60 MDL					
Bis(2-chloroethoxy)methane	µg/L	<10	<10					
Bis(2-chloroethyl)ether	µg/L	<10	<10					
Bis(2-chloroisopropyl)ether	µg/L	<10	<10					
Bis(2-ethylhexyl)phthalate	µg/L	<2.0 U	<3.4 U					
Bromophenyl Phenyl Ether, 4-	µg/L	<10	<10					
Butyl Benzyl Phthalate	µg/L	<10	<10					
Chloro-m-cresol,p-	µg/L	<10	<10					
Chloronaphthalene, 2-	µg/L	<10	<10					
Chlorophenol, 2-	µg/L	<10	<10					
Chlorophenyl Phenyl Ether, 4-	µg/L	<10	<10					
Chrysene	µg/L	<10	<10					
Di-n-butyl Phthalate	µg/L	<10	<10					
Di-n-octyl Phthalate	µg/L	<10	<10					
Dibenzo[a,h]anthracene	µg/L	<10	<10					
Dichloro-2-butylene, 1,4-trans-	µg/L							
Dichlorobenzidine, 3,3'-	µg/L	<10	<10					
Dichlorophenol, 2,4-	µg/L	<10	<10					
Diethyl Phthalate	µg/L	<10	<10					
Dimethyl Phthalate	µg/L	<10	<10					

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Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-270	NK-SB-271					
Sample ID	1027283	1027284						
Sample Date	03/05/1997	03/05/1997						
Sample Time	14:30	15:45						
Sample Depth	5.0' - 6.0'	5' - 6'						
Laboratory	AEL	AEL						
Lab. Number	AEL97002694	AEL97002695						
Constituent	Units							
Dimethylphenol,2,4-	µg/L	<10	<10					
Dinitro-o-cresol,4,6-	µg/L	<10	<10					
Dinitrophenol,2,4-	µg/L	<10 UJ1	<10 UJ1					
Dinitrotoluene,2,4-	µg/L	<10	<10					
Dinitrotoluene,2,6-	µg/L	<10	<10					
Diphenylhydrazine,1,2-	µg/L	<10	<10					
Fluoranthene	µg/L	<10	<10					
Fluorene	µg/L	<10	<10					
Hexachlorobutadiene	µg/L	<10	<10					
Hexachloroethane	µg/L	<1.2 MDL	<1.2 MDL					
Indeno(1,2,3-cd)pyrene	µg/L	<10	<10					
Isophorone	µg/L	<10	<10					
Naphthalene	µg/L	<10	<10					
Nitrobenzene	µg/L	<10	<10					
Nitrophenol,2-	µg/L	<10	<10					
Nitrophenol,4-	µg/L	<10	<10					
Nitroso-n-propylamine,n-	µg/L	<10	<10					
Nitrosodimethylamine,n-	µg/L	<10	<10					
Nitrosodiphenylamine,n-	µg/L	<10	<10					
Pentachlorophenol	µg/L	<0.63 MDL	<0.63 MDL					
Phenanthrene	µg/L	<1.1 MDL	<1.1 MDL					
Phenol	µg/L	<10	<10					
Pyrene	µg/L	<10	<10					
Trichlorophenol,2,4,6-	µg/L	<10	<10					
Acetone	µg/L	<4.0	<4.0					
Acrolein	µg/L	<15	<15					
Acrylonitrile	µg/L	<0.65	<0.65					
Allyl Chloride	µg/L							

Notes: 1. Printed on 07/13/99

Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-270	NK-SB-271					
	Sample ID	1027283	1027284					
	Sample Date	03/05/1997	03/05/1997					
	Sample Time	14:30	15:45					
	Sample Depth	5.0' - 6.0'	5' - 6'					
	Laboratory	AEL	AEL					
	Lab. Number	AEL97002694	AEL97002695					
Constituent	Units							
Benzene	µg/L	<1.0	<1.0					
Bromobenzene	µg/L	<1.0	<1.0					
Bromoform	µg/L	<1.0	<1.0					
Carbon Disulfide	µg/L	<1.0	<1.0					
Carbon Tetrachloride	µg/L	<1.0	<1.0					
Chlorobenzene	µg/L	<1.0	<1.0					
Chlorodibromomethane	µg/L	<0.50	<0.50					
Chloroethane	µg/L	<1.0	<1.0					
Chloroethyl Vinyl Ether,2-	µg/L	<1.0	<1.0					
Chloroform	µg/L	<1.0	<1.0					
Chloroprene,beta-	µg/L							
Chlorotoluene,o-	µg/L	<1.0	<1.0					
Chlorotoluene,p-	µg/L	<1.0	<1.0					
Dibromomethane	µg/L	<1.0	<1.0					
Dichlorobenzene,1,2-	µg/L	<1.0	<1.0					
Dichlorobenzene,1,3-	µg/L	<1.0	<1.0					
Dichlorobenzene,1,4-	µg/L	<1.0	<1.0					
Dichlorobromomethane	µg/L	<1.0	<1.0					
Dichlorodifluoromethane	µg/L	<1.0	<1.0					
Dichloroethane,1,1-	µg/L	<1.0	<1.0					
Dichloroethane,1,2-	µg/L	<1.0	<1.0					
Dichloroethylene,1,1-	µg/L	<1.0	<1.0					
Dichloroethylene,1,2-, NOS	µg/l							
Dichloroethylene,1,2-cis-	µg/L	<1.0	<1.0					
Dichloroethylene,1,2-trans-	µg/L	<1.0	<1.0					
Dichloropropane,1,2-	µg/L	<1.0	<1.0					
Dichloropropylene,1,3-, NOS	µg/L							
Dichloropropylene,1,3-cis-	µg/L	<0.50	<0.50					

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Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

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	Location ID	NK-SB-270	NK-SB-271					
	Sample ID	1027283	1027284					
	Sample Date	03/05/1997	03/05/1997					
	Sample Time	14:30	15:45					
	Sample Depth	5.0' - 6.0'	5' - 6'					
	Laboratory	AEL	AEL					
	Lab. Number	AEL97002694	AEL97002695					
Constituent	Units							
Dichloropropylene, 1,3-trans-	µg/L	<0.50	<0.50					
Dioxane, 1,4-	µg/L							
Ethylbenzene	µg/L	<1.0	<1.0					
Ethylene Dibromide	µg/L							
Ethylmethacrylate	µg/L							
Hexanone, 2-	µg/L	<2.0	<2.0					
Iodomethane	µg/L							
Isobutyl Alcohol	µg/L							
Methacrylonitrile	µg/L							
Methyl Bromide	µg/L	<1.0	<1.0					
Methyl Chloride	µg/L	<1.0	<1.0					
Methyl Ethyl Ketone	µg/L	<2.0	<2.0					
Methyl Methacrylate	µg/L							
Methyl-2-pentanone, 4-	µg/L	<2.0	<2.0					
Methyl-tert-butyl Ether	µg/L	<1.0	<1.0					
Methylene Chloride	µg/L	<4.0	<4.0					
Propionitrile	µg/L							
Styrene	µg/L	<1.0	<1.0					
Tetrachloroethane, 1,1,1,2-	µg/L	<1.0	<1.0					
Tetrachloroethane, 1,1,2,2-	µg/L	<0.50	<0.50					
Tetrachloroethylene	µg/L	<1.0	<1.0					
Toluene	µg/L	<1.0	<1.0					
Trichloro-1,2,2-trifluoroethane, 1,1,2-	µg/L							
Trichlorobenzene, 1,2,4-	µg/L	<10	<10					
Trichloroethane, 1,1,1-	µg/L	<1.0	<1.0					
Trichloroethane, 1,1,2-	µg/L	<1.0	<1.0					
Trichloroethylene	µg/L	<1.0	<1.0					
Trichloromonofluoromethane	µg/L	<1.0	<1.0					

Notes: 1. Printed on 07/13/99

Table 5
SUMMARY OF ANALYTICAL RESULTS - GROUNDWATER
P&W East Hartford: M.E.R.L. Dry Well

DRAFT

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DRYWELLS LOCATION & CONSTITUENTS DETECTED
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**DRAWING 2: GROUNDWATER INVESTIGATIONS -
MERL DRYWELLS LOCATION & CONSTITUENTS
DETECTED MAP**